CE

EN

GB, IE

Operating manual

Tumble dryer

T5190

Type N1190..

Thinking of you

Electrolux

Original instructions

438 9096-20/EN
2013.03.08

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The manufacturer reserves the right to make changes to design and component specifications.

1 Safety Precautions

This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

Children of less than 3 years should be kept away unless continuously supervised.

The machine is not to be used if industrial chemicals have been used for cleaning.

Do not dry unwashed items in the machine.

Items that have been soiled with substances such as cooking oil, acetone, alcohol, petrol, kerosene, spot removers, turpentine, waxes and wax removers should be washed in hot water with an extra amount of detergent before being dried in the machine.

Items such as foam rubber (latex foam), shower caps, waterproof textiles, rubber backed articles and clothes or pillows fitted with foam rubber pads should not be dried in the machine.

Fabric softeners or similar products should be used as specified by the fabric softener instructions.

The final part of a drying cycle occurs without heat (cool down cycle) to ensure that the items are left at a temperature that ensures that the items will not be damaged.

Remove all objects from pockets such as lighters and matches.

WARNING. Never stop the machine before the end of the drying cycle unless all items are quickly removed and spread out so that the heat is dissipated.

Adequate ventilation has to be provided to avoid the back flow of gases into the room for appliances burning other fuels, including open fires.

Exhaust air must not be discharged into a flue which is used for exhausting fumes from appliances burning gas or other fuels.

The machine must not be installed behind a lockable door, a sliding door or a door with a hinge on the opposite side to that of the machine.

If the machine has a lint trap this has to be cleaned frequently.

The lint must not be accumulated around the machine.

DO NOT MODIFY THIS APPLIANCE.

All external equipment which is connected to the machine must be CE/EMC-approved and connected using an approved shielded cable.
All external equipment must be connected according to the instructions in the installation manual.

In order to prevent damage to the electronics (and other parts) that may occur as the result of condensation, the machine should be placed in room temperature for 24 hours before being used for the first time.

Servicing shall be carried out only by authorized personnel.

Only authorized spare parts shall be used.

When performing service or replacing parts, the power must be disconnected.

Gas heated tumble dryer:

Before installation, check that the local distribution conditions, nature of gas and pressure and the adjustment of the appliance are compatible.

The machine is not to be installed in rooms containing cleaning machines with perchloroethylene, TRICHLOROETHYLENE or CHLOROFLUOROCONTAINING HYDROCARBONS as cleaning agents.

If you can smell gas:

- **Do not switch on any equipment**
- **Do not use electrical switches**
- **Do not use telephones in the building**
- **Evacuate the room, building or area**
- **Contact the person responsible for the machine**

1.1 Symbols

	Caution
	Caution, hot surface
	Read the instructions before using the machine

2 Program description

2.1 General

The machine is equipped with a number of programs adapted to the range of use to which the machine is intended — different markets use different programs. The following program description is a short description of some examples of programs that can be used.

For a complete and detailed information about the all the available drying programs, please refer to ELS web-site.

It is recommendet to follow the care labelling of the garment as far as possible.

For best possible drying result it is advisable to dry garments of the same quality for each drying cycle.

Note!

Do not tumble dry wool or silk.

2.2 Program description

There are two types of programs, automatic programs and time programs.

Automatic programs has moisture detection and will stop when selected dryness is achieved.

Time programs has no moisture detection and will stop when the preset or selected time has ended.

The following table shows some examples of available programs and a short description of those:

Automatic programs	Description
NORMAL	Cotton and terry. Normal/medium temperature. The program will stop when preset dryness/selected option is achieved (Extra dry, Dry or Iron dry).
LOW	Synthetic (example of synthetic fabrics: polyester, polyamide, polyacrylic and elastan), viscose, polycotton and delicate fabrics. Low temperature. The program will stop when preset dryness/selected option is achieved (Extra dry, Dry or Iron dry).

Time programs	Description
NORMAL	Cotton and terry. Different drying times can be selected. The program will stop when the time is up.
LOW	Synthetic (example of synthetic fabrics: polyester, polyamide, polyacrylic and elastan), viscose, polycotton and delicate fabrics. Different drying times can be selected. The program will stop when the time is up.
NO HEATING	Airing bedspreads, duvets and bedclothes. Different drying times can be selected. The program will stop when the time is up.

Program description

The following table shows some examples of different programs that are used for special markets such as hospitals, restaurants, camping sites etc. and a short description of those:

Automatic programs	Description
NORMAL **EXTRA DRY** 	Denim and terry. The program will stop when set dryness is achieved.
LOW **EXTRA DRY** 	Viscose and polycotton. The program will stop when set dryness is achieved.
NORMAL **DRY** 	Cotton and terry. The program will stop when set dryness is achieved.
LOW **DRY** 	Synthetic (example of synthetic fabrics: polyester, polyamide, polyacrylic and elastan), viscose, polycotton and delicate fabrics. The program will stop when set dryness is achieved.
NORMAL **IRON DRY** 	Cotton. The program will stop when set dryness is achieved.
LOW **IRON DRY** 	Synthetic (example of synthetic fabrics: polyester, polyamide, polyacrylic and elastan), viscose, polycotton and delicate fabrics. The program will stop when set dryness is achieved.

Time programs	Description
NORMAL 	Cotton and terry. Different drying times can be selected. The program will stop when the time is up.
LOW 	Synthetic (example of synthetic fabrics: polyester, polyamide, polyacrylic and elastan), viscose, polycotton and delicate fabrics. Different drying times can be selected. The program will stop when the time is up.
NO HEATING 	Airing bedspreads, duvets and bedclothes. Different drying times can be selected. The program will stop when the time is up.

The following table shows some examples of available programs used on coin operated machines and a short description of those:

Time programs	Description
HIGH	Cotton and terry. The program will stop when the time is up.
MEDIUM	Cotton and terry. The program will stop when the time is up.
LOW	Synthetic (example of synthetic fabrics: polyester, polyamide, polyacrylic and elastan), viscose, polycotton and delicate fabrics. The program will stop when the time is up.
NO HEATING	Airing bedspreads, duvets and bedclothes. The program will stop when the time is up.

2.3 Option buttons

The machine is equipped with a number of options adapted to the range of use to which the machine is intended — different markets use different options.

The following table shows some examples of available options and a short description of those:

Option button		Description
	ECO PROGRAM	Dries using less energy.
	CARE PROGRAM	Drying of sensitive fabrics. Only suitable for use with small loads.
	QUICK PROGRAM	The program will be ready as quick as possible.
	EXTRA DRY	Through drying of thick or multilayered fabrics. Drying stops when “EXTRA DRY” is achieved.
	DRY	Ready to put in cupboard/closet. Through drying of fabrics of even thicknesses. Drying stops when “ DRY” is achieved.
	IRON DRY	Damp. Ready for ironing. For thin textiles which are to be ironed. Drying stops when “IRON DRY” is achieved.

3 Handling

Load the goods into the machine according to recommendations and close the door.

Make sure the filter is clean and clean if necessary.

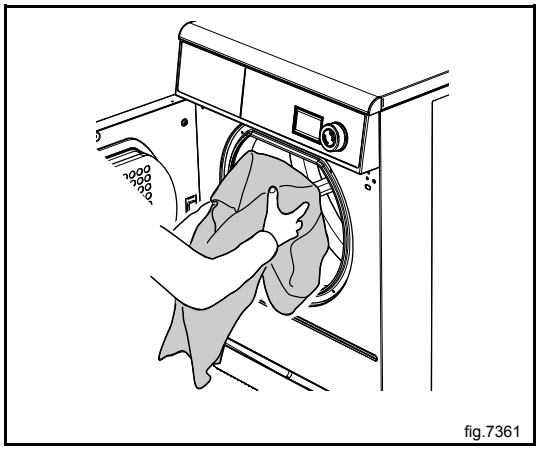


fig.7361

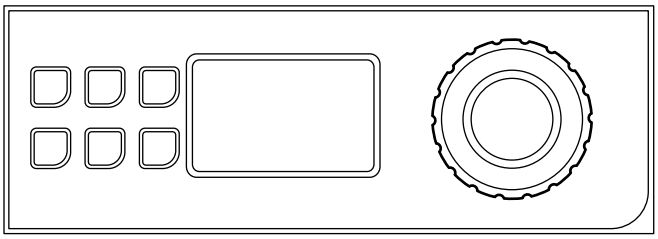
3.1 Load

The maximum load is 10.6 kg.

3.2 How to start the machine

This manual cover different types of machine models. Check the panel on your machine and follow the description for your type of machine.

3.2.1 Panel with buttons and control knob



Select program:

Automatic programs

Select program by turning the control knob.

For automatic programs it is possible to select one of the drying triangle options and/or one of the dryness options.

Example of programs	Drying triangle options		Dryness options	
NORMAL LOW		ECO PROGRAM		EXTRA DRY
		CARE PROGRAM		DRY
		QUICK PROGRAM		IRON DRY

Start the machine by pressing the control knob.

Time programs

Select program by turning the control knob.

Example of programs
NORMAL
LOW
NO HEATING

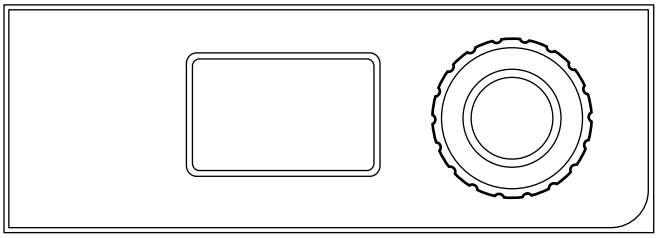
Note!

For Time programs no options are available.

Start the machine by pressing the control knob.

After start it is possible to change the time for the selected program. Turn the control knob to set the desired time.

3.2.2 Panel without buttons



Select program:

Automatic programs

Select program by turning the control knob.

Example of programs
NORMAL **EXTRA DRY**
LOW **EXTRA DRY**
NORMAL **DRY**
LOW **DRY**
NORMAL **IRON DRY**
LOW **IRON DRY**

Start the machine by pressing the control knob.

Time programs

Select program by turning the control knob.

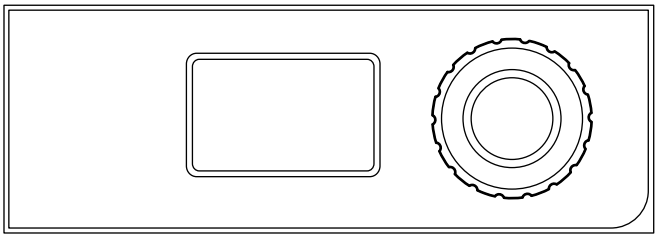
Example of programs
NORMAL
LOW
NO HEATING

Start the machine by pressing the control knob.

After start it is possible to change the time for the selected program. Turn the control knob to set the desired time.

3.2.3 Coin operated machines

3.2.3.1 Panel without buttons



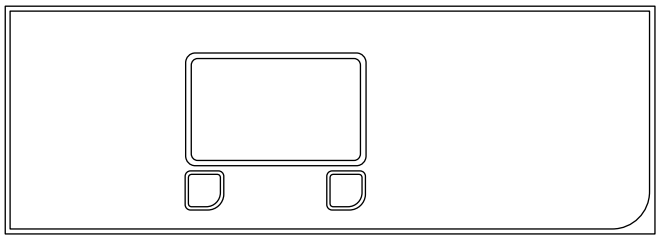
Select program by turning the control knob.

Example of programs
HIGH
MEDIUM
LOW
NO HEATING

Insert correct amount of coins to start the machine.

After start it is possible to change the time for the selected program. Insert more coins to add time.

3.2.3.2 Panel without control knob



Select program by pressing the temperature button.

Example of programs
HIGH
MEDIUM
LOW
NO HEATING

Insert correct amount of coins and press the start button to start the machine.

After start it is possible to change the time for the selected program. Insert more coins to add time.

3.3 Additional functions

There is a menu with additional functions available for selection after start. When pressing the control knob / start button (on machines without control button) the menu will appear on the display. Select from the menu by turning the control knob / pressing the temperature button/-s and press the control knob / start button to activate.

Note!

Some of the functions may not be available or active on your machine.

Stop function

If the machine is programmed with this function, it is possible to stop the machine during program run by pressing the control knob.

When pressing the control knob again the program will continue.

Pause

It is possible to pause an ongoing program.

Select **PAUSE** and activate.

For some machines it is also possible to pause directly when pressing the control knob / start button.

When pressing the control knob / start button again the program will continue.

Changing a program after start

It is possible to change a program after start.

Select **CHANGE PROGRAM** and activate.

When pressing the control knob / start button the program menu will be displayed. Select a new program and start by pressing the control knob / start button.

End a program

It is possible to end a program after start.

Select **END PROGRAM** and activate.

When pressing the control knob / start button the program will be ended.

Status

Select **STATUS MENU** and activate.

The status menu shows the status for inlet air temp, outlet air temp, RMC and heat for the machine.

Statistics

Select **STATISTICS** and activate.

The statistics menu shows total run hours and trip run hours for the machine.

Change drum speed (only on machines with MCU)

Select **CHANGE DRUM SPEED** and activate.

Change the drum speed with the control knob / pressing the temperature button/-s.

3.4 When program has ended

Note!

For the best possible drying result it is important to empty the machine as soon as the program has ended.

If the machine is not emptied as soon as the program has ended the drum will rotate in short intervalls in order to keep the goods from being wrinkled.

Clean the filter after each drying cycle for best performance.

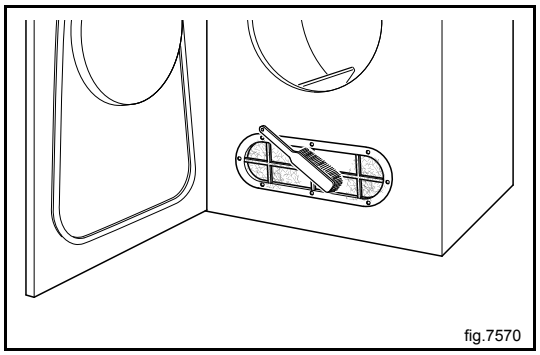


fig.7570

4 Error codes

A fault in the program or in the machine is indicated by an error code on the display.

Some of these error codes can be solved easily without contacting service personnel.

Error code	Text	Cause/Action
12:11	DRYING ERROR WITH RMC PROGRAM	The longest permitted RMC time has been exceeded. (Applies only to machines with RMC). The machine is overfilled or the garment is too wet.
12:12	DRYING ERROR WITH AUTOSTOP PROGRAM	The longest permitted automatic stop time has been exceeded. (Applies only to machines with automatic stop). The machine is overfilled or the garment is too wet.
20:1	O.H. DRUM MOTOR	The motor is too hot. The machine will restart automatically when the temperature on the motor is OK (if the door has not been opened).

For other error codes or repeated error codes, disconnect the power for 30 seconds. If the error code keeps coming back, contact authorized service personnel.

5 Maintenance

5.1 General

It is the responsibility of the owner of the machine/the laundry manager to make sure that the following maintenance is performed.

Note!

Lack of maintenance may deteriorate the performance of the machine and may cause damage to components.

Note!

This is recommended time intervals. Depending on the use of the machine other intervals may be necessary.

5.2 Time for maintenance

When the display is showing the message **TIME FOR MAINTENANCE** — contact the owner of the machine/the laundry manager to perform maintenance (if available, a telephone number and/or a tag will also be displayed).

The machine can be used meanwhile. However, the message will keep coming back until the service is perfomed.

The message will disappear after about 30 seconds or if the control knob or any button is pressed.

5.3 Every day

Check that the machine does not operate with the door open, if so, the machine must be placed out of order until repairs are made.

Note!

Contact qualified service personnel to disconnect power from the affected machine.

Clean the door, door gasket and other external parts.

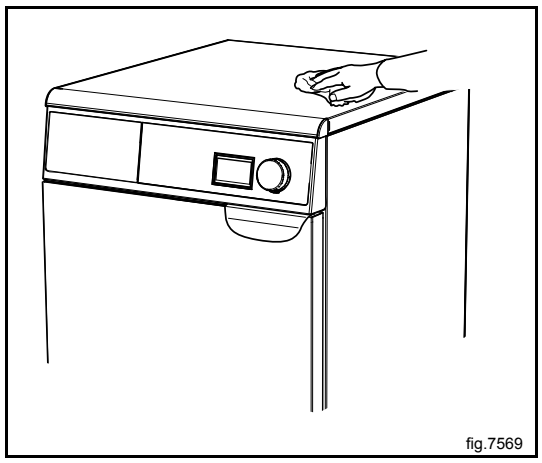


fig.7569

Check that the filter is clean and unbroken. Clean or replace if necessary.

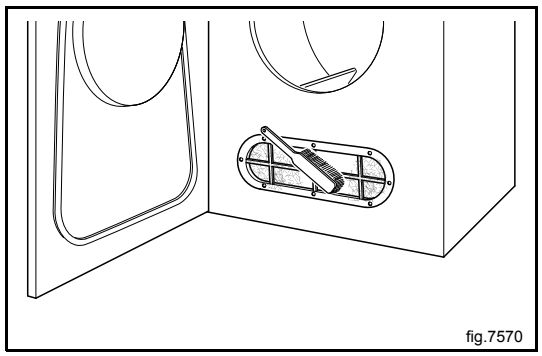


fig.7570

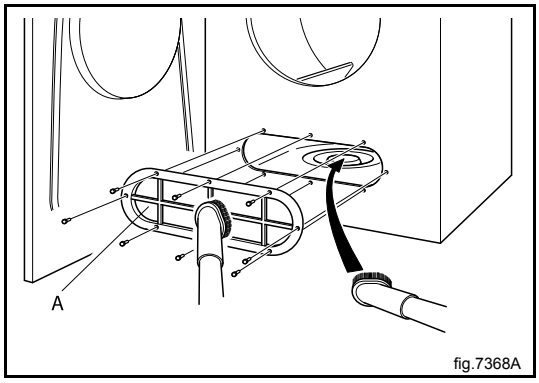
Remove any lint and dust around the machine.

5.4 Fresh air intake and fan motor

At regular basis, check that the fresh air intake on the front of the machine is not clogged by lint and dust or otherwise blocked.

Disconnect the power to the machine.

Remove the screws to the filter (A) and clean the fresh air inlet and the fan motor with a vacuum cleaner. Be careful not to damage the parts.



5.5 Machines with residual moisture control (RMC)

At regular basis, wipe off/clean drum and lifters with citric acid (Acidum citricum). If soap/softener residue remains, it is recommended also to use a coarse sponge.

Lack of cleaning can reduce the automatic residual moisture control which will make the load being moister than requested when the program has ended.

5.6 Maintenance to be carried out by qualified service personnel

Contact qualified service personnel to perform the following maintenance:

After 1600 hours of operation or once a year, whichever comes first:

- Clean the fan, the exhaust duct and the fresh-air intake to the room
- On machines with RMC: Clean the glide surface on the RMC graphite collector
- Clean the area around the drum
- Clean the motors
- Check the belt tension

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